

2023-2024 Influenza Results Interpretation
Bureau of Laboratories
Michigan Department of Health and Human Services

Report Appears As:	Interpretation
<hr/> <p style="text-align: center;">TEST RESULTS</p> <hr/> <p>COMPREHENSIVE INFLUENZA PCR PANEL</p> <p style="text-align: center;">INFLUENZA 2009 A/H1 RNA DETECTED</p> <p style="text-align: center;">Testing performed by Real Time RT-PCR.</p>	<p>The patient has the Influenza 2009 A/H1 virus. This virus was previously known as the 2009 Novel Influenza A (H1N1) virus. This is a seasonal Influenza virus. For Influenza 2009 A/H1 RNA to be detected, all influenza tested markers; Universal Influenza A, Pandemic Influenza A, Pandemic H1 and internal control are amplified.</p>
<hr/> <p style="text-align: center;">TEST RESULTS</p> <hr/> <p>COMPREHENSIVE INFLUENZA PCR PANEL</p> <p style="text-align: center;">INFLUENZA A AND B RNA NOT DETECTED</p> <p style="text-align: center;">A negative result does not preclude infection by another respiratory pathogen.</p> <p style="text-align: center;">Testing performed by Real Time RT-PCR.</p> <p style="text-align: center;">Viral culture results to follow.</p>	<p>No indication of any Influenza virus. The specimen has been placed in viral culture to test for other respiratory viruses.</p>

<div>TEST RESULTS</div> <div> <p>COMPREHENSIVE INFLUENZA PCR PANEL</p> <p>INFLUENZA B RNA DETECTED</p> <p>Testing performed by Real Time RT-PCR.</p> </div>	<p>The patient has Influenza B virus. This is a seasonal Influenza virus.</p>
<div>TEST RESULTS</div> <div> <p>COMPREHENSIVE INFLUENZA PCR PANEL</p> <p>SEASONAL INFLUENZA A, SUBTYPE H3 RNA DETECTED</p> <p>Testing performed by Real Time RT-PCR.</p> </div>	<p>The patient has Influenza A subtype H3 virus. This is a seasonal Influenza virus.</p>
<p>COMPREHENSIVE INFLUENZA PCR PANEL</p> <p>INFLUENZA A RNA DETECTED, SUBTYPE INDETERMINATE</p> <p>Subtype could not be determined by PCR due to low viral titer.</p> <p>Testing performed by Real Time RT-PCR.</p> <p><i>Reference Range: Not Detected</i></p>	<p>The patient has Influenza A, but the subtype could not be determined. Additional testing may be indicated.</p>

<div>TEST RESULTS</div> <div>COMPREHENSIVE INFLUENZA PCR PANEL</div> <div>TEST NOT DONE</div> <div>Quantity insufficient for testing.</div> <div>This specimen source has not been validated for this assay.</div>	<p>Specimen received was either leaking or did not meet testing guidelines.</p>
<div>TEST RESULTS</div> <div>COMPREHENSIVE INFLUENZA PCR PANEL</div> <div>INCONCLUSIVE</div> <div>Specimen sent to CDC for further testing.</div> <div>Subtype could not be determined by PCR.</div> <div>Testing performed by Real Time RT-PCR.</div>	<p>Comprehensive Influenza virus PCR indicated presence of Influenza A, but failed to subtype, a mixed infection was detected or influenza virus markers failed to amplify according to test protocol such that a result could not be determined.</p>
<div>TEST RESULTS</div> <div>COMPREHENSIVE INFLUENZA PCR PANEL</div> <div>INFLUENZA A RNA DETECTED, PRESUMPTIVE POSITIVE FOR H3 VARIANT</div> <div>Specimen sent to CDC for confirmation.</div> <div>Testing performed by Real Time RT-PCR.</div>	<p>Comprehensive Influenza virus PCR markers indicated presence of universal and pandemic Influenza A, presence of H3, but failed to indicate the presence of seasonal and pandemic H1 subtype.</p>

TEST RESULTS

COMPREHENSIVE INFLUENZA PCR PANEL

INFLUENZA A RNA DETECTED, PRESUMPTIVE POSITIVE FOR
EURASIAN H7 SUBTYPE

Specimen sent to CDC for confirmation.

For additional information on Influenza A/H7 (Eurasian lineage) testing and interpretation, please refer to:

<http://www.fda.gov/downloads/MedicalDevices/Safety/EmergencySituations/UCM349062.pdf>,

<http://www.fda.gov/downloads/MedicalDevices/Safety/EmergencySituations/UCM349064.pdf>,

<http://www.fda.gov/downloads/MedicalDevices/Safety/EmergencySituations/UCM349060.pdf>.

Testing performed by Real Time RT-PCR.

Comprehensive Influenza virus
PCR indicated presence of
universal Influenza A, subtype
Eurasian H7.

Influenza SARS-CoV-2 Multiplex Results Interpretation

TEST RESULTS		<u>Result Interpretation</u> Specimen positive for COVID-19 and negative for Influenza A and B. A negative result does not preclude infection by any respiratory virus or other agent.
INFLUENZA SARS-COV-2 MULTIPLEX ASSAY		
Influenza A RNA	NOT DETECTED	
Influenza B RNA	NOT DETECTED	
SARS-CoV-2 RNA	** DETECTED **	

TEST RESULTS		<u>Result Interpretation</u> Specimen negative for COVID-19, Influenza A and B. A negative result does not preclude infection by any respiratory virus or other agent.
INFLUENZA SARS-COV-2 MULTIPLEX ASSAY		
Influenza A RNA	NOT DETECTED	
Influenza B RNA	NOT DETECTED	
SARS-CoV-2 RNA	NOT DETECTED	

TEST RESULTS		<u>Result Interpretation</u> Specimen positive for Influenza A and negative for COVID-19 and Influenza B. A negative result does not preclude infection by any respiratory virus or other agent.
INFLUENZA SARS-COV-2 MULTIPLEX ASSAY		
Influenza A RNA	** DETECTED **	
Subtyping to follow		
Influenza B RNA	NOT DETECTED	
SARS-CoV-2 RNA	NOT DETECTED	

TEST RESULTS		<u>Result Interpretation</u>
INFLUENZA SARS-COV-2 MULTIPLEX ASSAY		
Influenza A RNA	NOT DETECTED	Specimen positive for Influenza B and negative for COVID-19 and Influenza A. A negative result does not preclude infection by any respiratory virus or other agent.
Influenza B RNA	** DETECTED **	
SARS-CoV-2 RNA	NOT DETECTED	